

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

PATENT APPLICATION

In re the Application of

Keigo MIZUTANI, Hiroo IMAMURA, Daisuke MAKINO,
Akio TANAKA

Application No.: New U.S. Patent Application

Filed: February 7, 2002

Docket No.: 111920

For: IMPROVED STRUCTURE OF GAS SENSOR ELEMENT DESIGNED TO MINIMIZE
ERROR OF SENSOR OUTPUT



SAH
#1 1/2
8-1502

INFORMATION DISCLOSURE STATEMENT

Director of the U.S. Patent and Trademark Office
Washington, D.C. 20231

Sir:

Pursuant to 37 CFR §1.56, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached PTO-1449. Unless otherwise indicated herein, one copy of each reference is attached. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

- ☒ 1. This Information Disclosure Statement is being filed (a) within three months of the U.S. filing date of this non-CPA application, OR (b) before the mailing date of a first Office Action on the merits in the present application. No certification or fee is required.
- ☒ 2. An English-language Abstract of the non-English language reference 6 is attached hereto.
- ☒ 3. U.S. Patent No. 4,927,517 corresponds to JP A 1-277751.
- ☒ 4. U.S. Patent No. 6,045,673 corresponds to JP A 10-90222.
- ☒ 5. EP Patent No. 0 678 740 A1 corresponds to JP A 8-271476.

Respectfully submitted,

James A. Oliff
Registration No. 27,075

Thomas J. Pardini
Registration No. 30,411

JAO:TJP/cmm

Date: February 7, 2002

OLIFF & BERRIDGE, PLC
P.O. Box 19928
Alexandria, Virginia 22320
Telephone: (703) 836-6400

DEPOSIT ACCOUNT USE
AUTHORIZATION
Please grant any extension
necessary for entry;
Charge any fee due to our
Deposit Account No. 15-0461